

CWB Contactors

**Compact in size.
Giant in technology.**

Industrial Motors

Commercial &
Appliance Motors

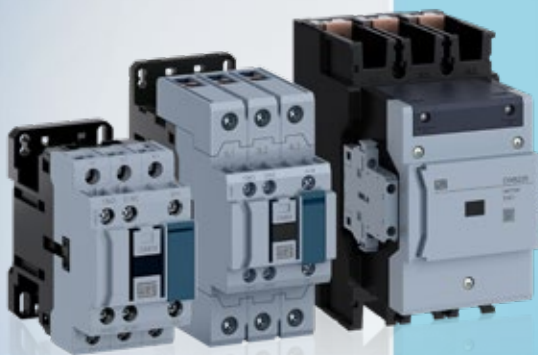
Automation

Digital &
Systems

Energy

Transmission &
Distribution

Coatings



CWB contactors

Developed according to IEC/EN 60947 and UL 60947 international standards, the CWB line of contactors complies with the global requirements of a wide range of industrial applications.



Technical data		CWB9	CWB12	CWB18	CWB25	CWB32	CWB38	CWB40	CWB50	CWB65	CWB80	CWB95	CWB110	CWB125	CWB150	CWB180	CWB225
AC-3 Orientative rated operational power for three-phase motors 50/60 Hz	$I_e \text{ max. (} U_e \leq 440 \text{ V)}$ (A)	9	12	18	25	32	38	40	50	65	80	95	110	125	150	180	225
	220/230 V (kW / HP)	2.2 / 3	3 / 4	4.5 / 6	5.5 / 7.5	7.5 / 10	9.2 / 12.5	11 / 15	15 / 20	18.5 / 25	22 / 30	22 / 30	30 / 40	37 / 50	45 / 60	55 / 75	55 / 75
	380/400 V (kW / HP)	3.7 / 5	5.5 / 7.5	7.5 / 10	11 / 15	15 / 20	18.5 / 25	18.5 / 25	22 / 30	30 / 40	37 / 50	45 / 60	55 / 75	55 / 75	75 / 100	90 / 125	110 / 150
	415/440 V (kW / HP)	4.5 / 6	5.5 / 7.5	9.2 / 12.5	11 / 15	15 / 20	18.5 / 25	22 / 30	30 / 40	37 / 50	45 / 60	55 / 75	55 / 75	75 / 100	90 / 125	110 / 150	132 / 175
AC-1 Orientative rated operational power ($\theta \leq 55^\circ \text{C}$)	$I_e = I_m \text{ (} U_e \leq 690 \text{ V)}$ (A)	25	25	32	40	50	50	60	90	110	110	140	150	175	225	275	320

Main characteristics

Compact solution

The compact dimensions of the contactors of the CWB line provides a significant reduction in the size of electrical panels compared to traditional solutions with the same electrical specifications, which can represent space savings of up to 40%.



Built-in auxiliary contacts 1NO + 1NC

The standard version with two auxiliary contacts (1NO + 1NC) makes the application of the CWB contactors more flexible in most automation systems, contributing to the optimization of the internal space in electrical panels.



Additional contact blocks

The auxiliary contact blocks of CWB line are easy to install and are available in front-mounted version (BFB, with 2 or 4 contacts) or side-mounted version (BLB, 2 contacts and only 9 mm wide), allowing them to be adapted to the most varied projects and applications.



Complementing the new line of CWB contactors

WEG also offers the MPW motor protective circuit breakers and the RW thermal overload relays. These products, when used in conjunction with the CWB contactors, allow the mounting of compact starters, providing a complete WEG solution for a wide range of applications.



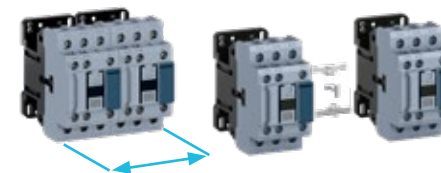
Energy savings

In addition to the low energy consumption, DC coils and AC/DC coils enable direct control of the CWB contactors via PLC or digital outputs of devices such as frequency inverters or soft-starters without requiring relay interfaces.



"Zero-width" mechanical interlock

The CWB line's modern mechanical interlocking system is housed between the contactors in such a way that it doesn't increase the area required for fixing the set, keeping the contactors side-by-side and optimizing the use of space.



Simple and compact mounting of surge suppressor blocks

Surge suppressor blocks are easily mounted on the CWB contactors without requiring any kind of tools and without increasing volume.



Flexibility on control circuit

A wide range of control coil options for use with the most varied voltages, with models for specific AC voltages, specific DC voltages and also AC/DC models with electronics and extended voltage range.

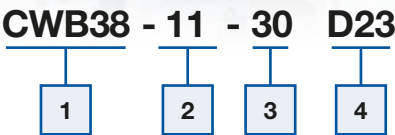


Visual indication of the coil voltage

For further information, please visit our website on www.weg.net.

How to order

Understanding the part number.



1 - Contactor model

- CWB9 CWB25 CWB40 CWB95 CWB150
- CWB12 CWB32 CWB50 CWB110 CWB180
- CWB18 CWB38 CWB65 CWB125 CWB225
- CWB80

2 - Built-in auxiliary contacts

11 = 1NO + 1NC

3 - Power contacts

- 30 = 3NO 40 = 4NO 04 = 4NC
- 22 = 2NO+2NC 20 = 2NO

4 - Coil voltage code

Alternating current (CWB9...110)

Code	D02	D07	D13	D15	D17	D23	D24	D25	D33	D34	D35	D36	D39	D43
V (50/60 Hz)	24	48	110	120	127	220	230	240	380	400	415	440	480	550

Direct current (CWB9...80)

Code	C02	C03	C07	C09	C12	C13	C15
V _{dc}	12	24	48	60	110	125	220

Alternating or direct current (CWB9...225)

Code	E04	E64	E65	E66
V _{ac} (50/60 Hz) or V _{dc}	24-60	48-130	110-255	250-500



**For WEG's worldwide
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**The values shown are subject to change without prior notice.
The information contained is reference values.**